

12437940 EAST FOSTER CREEK AT BELL BUTTE ROAD, NEAR LEAHY, WA

WATER-QUALITY RECORDS

LOCATION.--Lat 47°56'40", long 119°34'27", in NW¹/₄NW¹/₄, sec.9, T.28 N., R.27 E., Douglas County, Hydrologic Unit 17020005, 0.2 mi downstream of Hwy 17 bridge, 5 mi east-southeast of Bridgeport.

DRAINAGE AREA.--281 mi².

PERIOD OF RECORD.--July and September 2003 (discontinued).

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086)	Bicarbonate, wat flt incrm. titr., field, mg/L (00453)	Carbonate, wat flt incrm. titr., field, mg/L (00452)	Ammonia + org-N, water, unfltrd mg/L as N (00625)
JUL 07...	1850	--	714	6.5	74	8.2	736	22.1	18.4	--	--	--	.26
SEP 03...	1000	.44	723	8.9	90	8.2	743	22.5	13.4	295	354	.0	.24
03...	1000	--	--	--	--	--	--	--	--	--	--	--	--
03...	1020	--	--	--	--	--	--	--	--	--	--	--	--

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Particulate nitrogen, susp, water, mg/L (49570)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, unfltrd mg/L (00600)	Total carbon, suspnd sediment total, mg/L (00694)	Inorganic carbon, suspnd sediment total, mg/L (00688)	Organic carbon, suspnd sediment total, mg/L (00689)	Organic carbon, water, fltrd, mg/L (00681)	Biomass periphyton, ashfree drymass g/m2 (49954)	Biomass periphyton, ashfree dry wt, DTH, g/m2 (63766)
JUL 07...	<.04	.35	<.008	--	.06	.095	.61	--	--	--	--	--	--
SEP 03...	<.04	.66	<.008	.06	.06	.089	.90	.6	<.1	.6	2.2	--	--
03...	--	--	--	--	--	--	--	--	--	--	--	184.0	--
03...	--	--	--	--	--	--	--	--	--	--	--	--	133

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Biomass periphyton, ash weight, DTH, g/m2 (63765)	Periphyton biomass ash weight, g/m2 (00572)	Biomass periphyton, dry weight, DTH, g/m2 (63767)	Periphyton biomass dry weight, g/m2 (00573)	Chlorophyll a periphyton, DTH, CF meth mg/m2 (63763)	Pheophytin a periphyton, DTH, CF meth mg/m2 (63764)	Pheophytin a, periphyton, mg/m2 (62359)	Pheophytin a, phytoplankton, ug/L (62360)	Chlorophyll a periphyton, chromo-fluoro, mg/m2 (70957)	Chlorophyll a phytoplankton, fluoro, ug/L (70953)	Suspended sediment concentration, mg/L (80154)	Suspended sediment discharge, tons/d (80155)
JUL 07...	--	--	--	--	--	--	--	--	--	--	--	--
SEP 03...	--	--	--	--	--	--	--	1.9	--	.6	12	.01
03...	--	1,600	--	1,749	--	120	--	250	--	--	--	--
03...	1,480	--	1,620	--	21.9	50.4	--	--	--	--	--	--